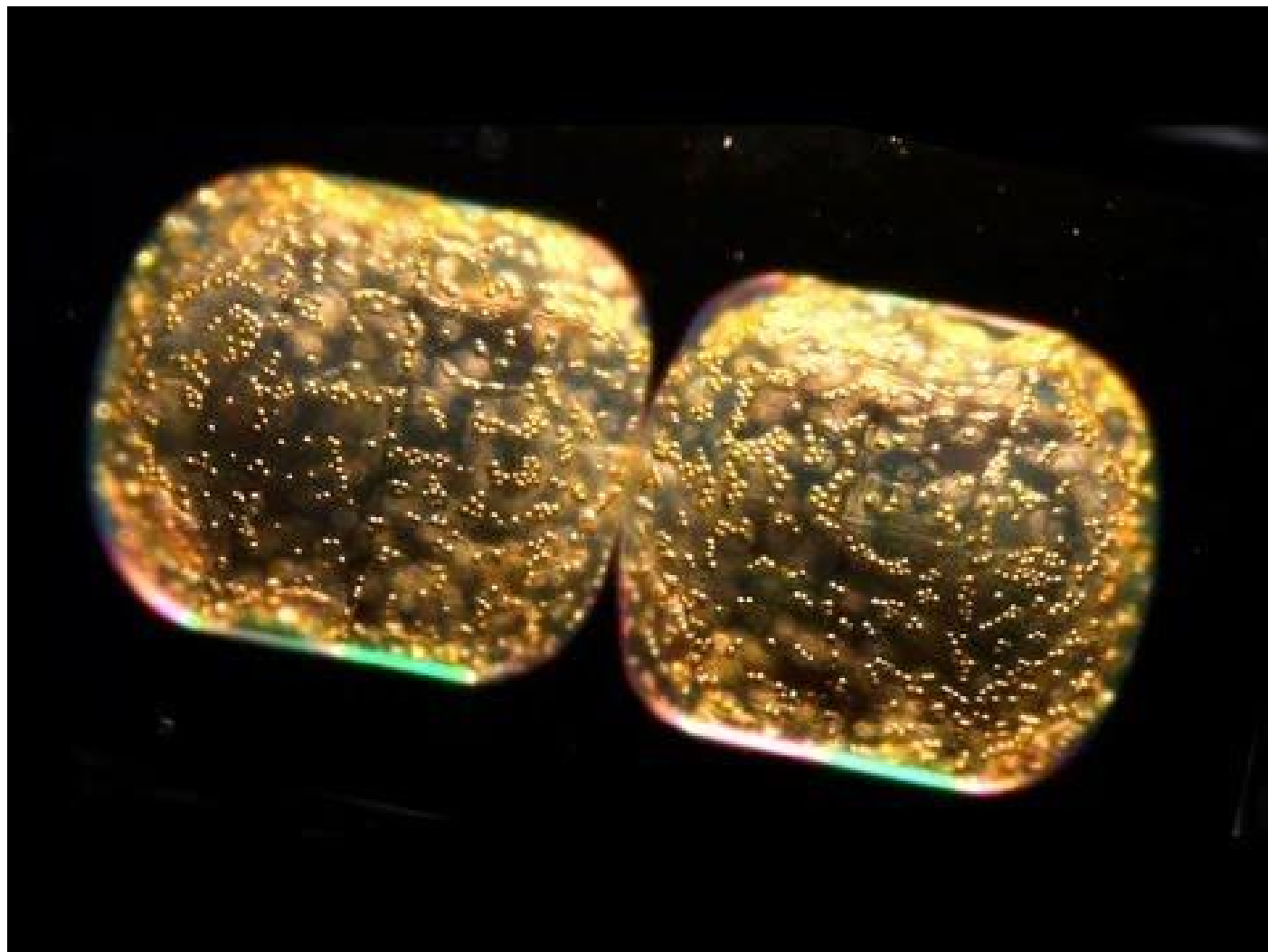


Biology Warm-up 10/19/2017
Watch the Ted-Ed Video and respond with 4
sentences!

https://www.youtube.com/watch?v=xFQ_fO2D7f0



What is a nutrient?

- *Atoms or molecules needed for living things to grow!

- *all cycle between living and nonliving parts of the ecosystem

- *CHNOPS

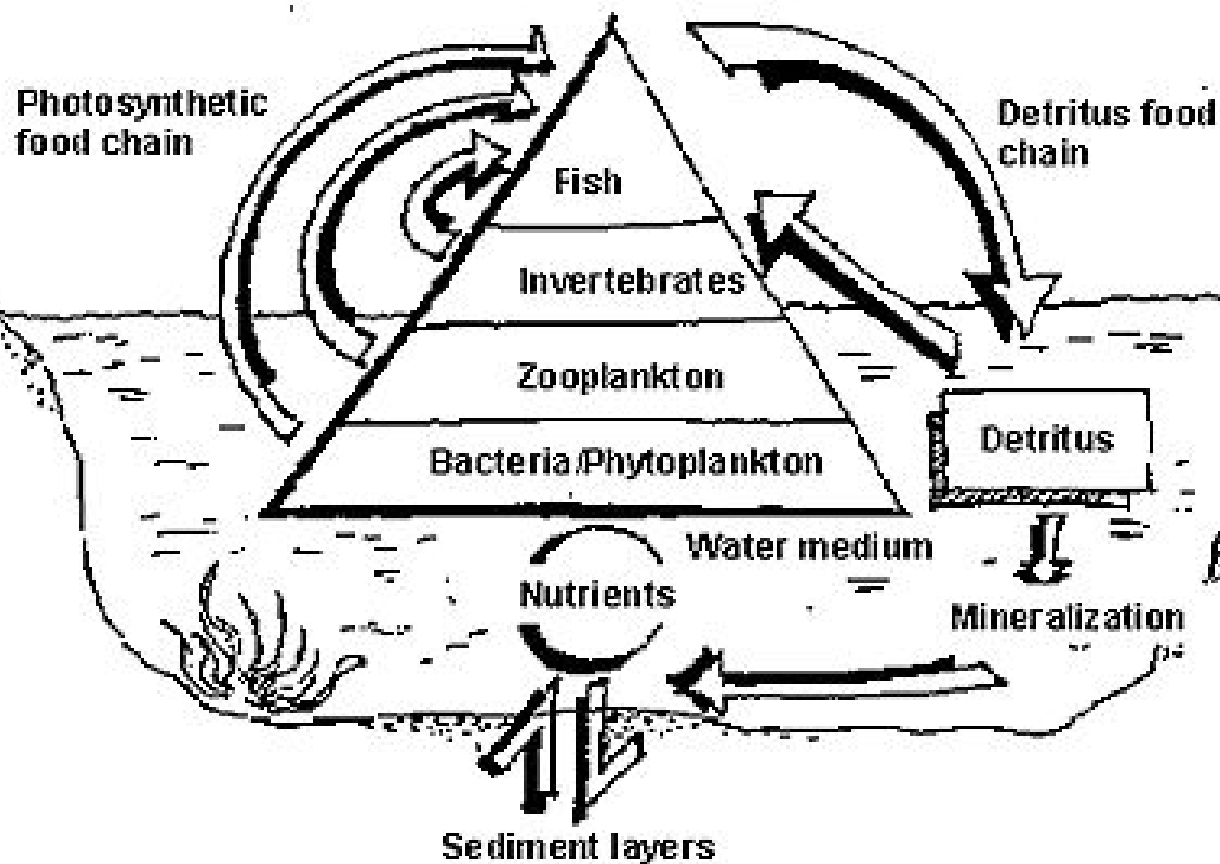
How does nutrient availability affect the productivity of an ecosystem?

*if any essential nutrient is in short supply, productivity is limited. This nutrient that's slowing down growth is called the limiting nutrient.

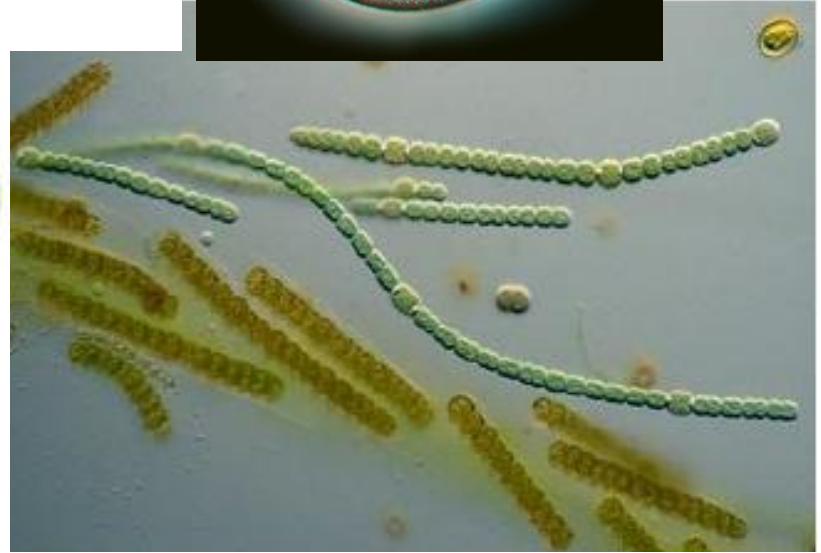
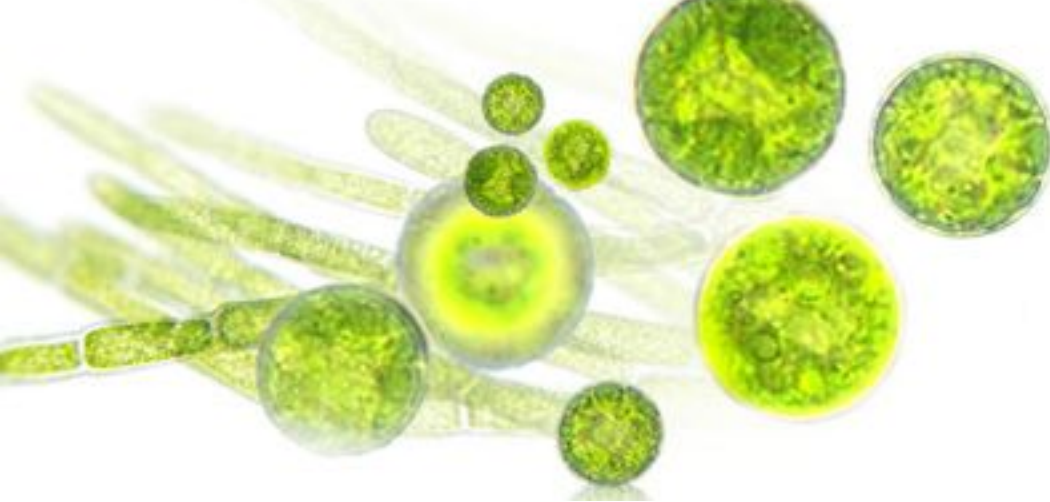
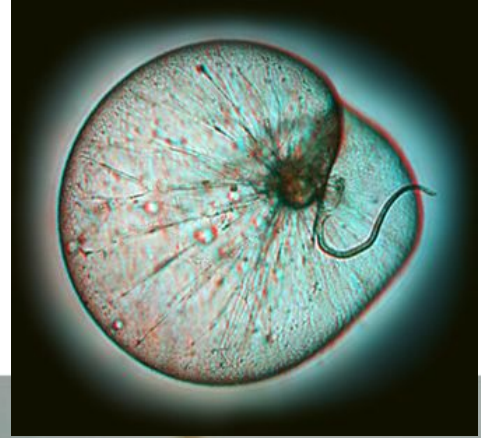
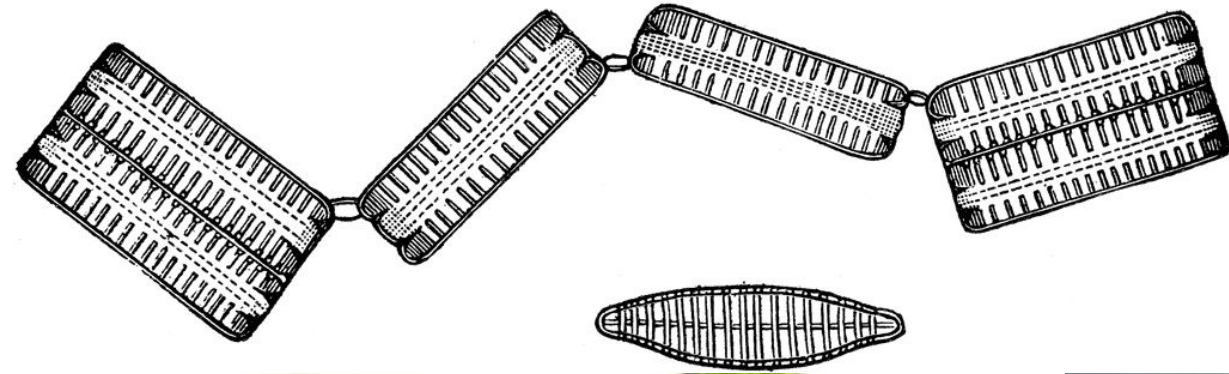


So, what does nutrient limitation have to do with biogeochemical cycles?

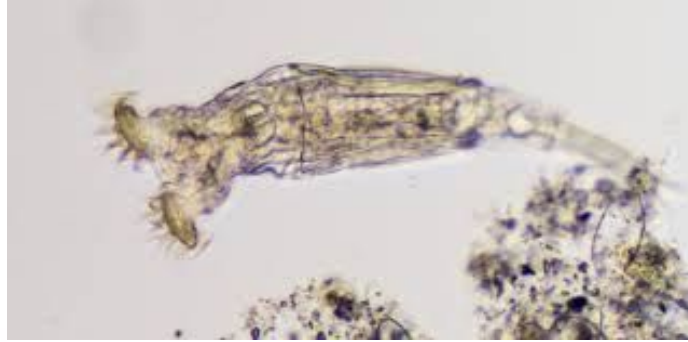
Food webs in a pond



Phytoplankton: Photosynthetic Algae, Protists, and Bacteria



Zooplankton: Rotifers, Worms, Daphnia, Copepods



How to prepare a wet slide:

1. Place slide on a flat surface.
2. Place a drop of water on the slide.
3. Hold the coverslip by its sides and lay its bottom edge on the slide close to the specimen.
4. Slowly lower the coverslip so that it spreads the water out.

